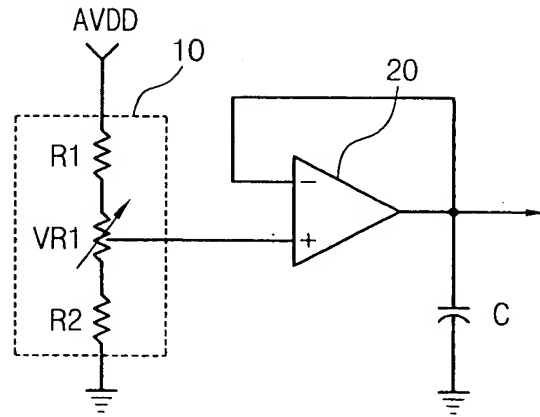
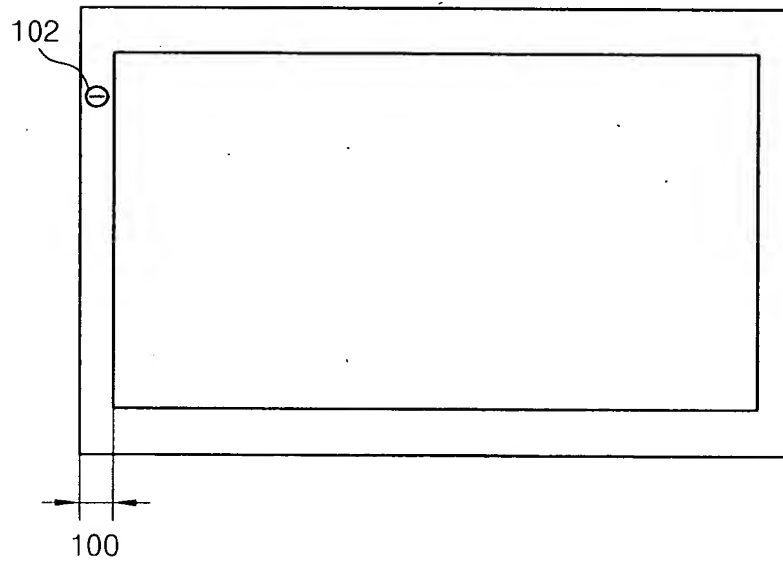


**FIG. 1**  
(PRIOR ART)

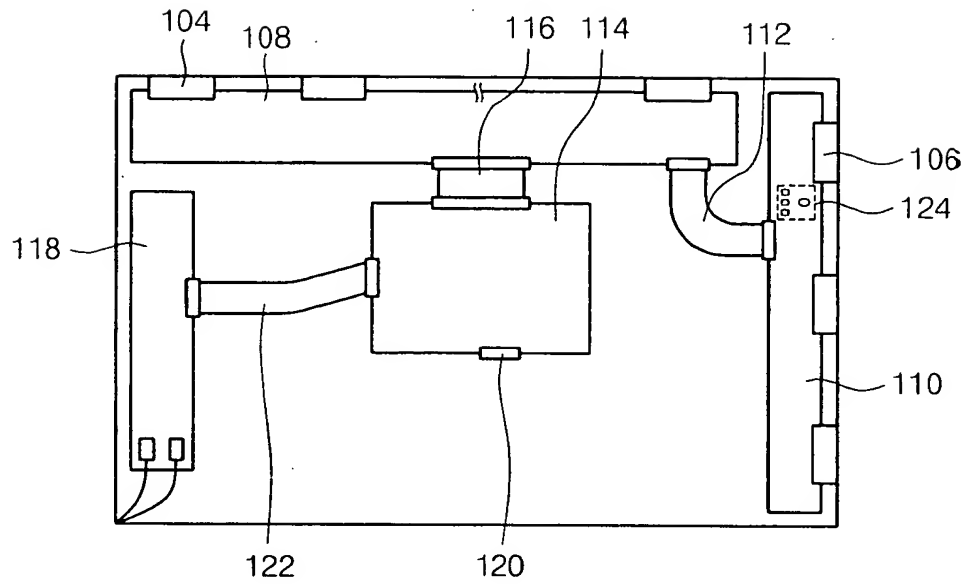


**FIG. 2**  
(PRIOR ART)



**FIG.3**

(PRIOR ART)



**FIG.4**

(PRIOR ART)

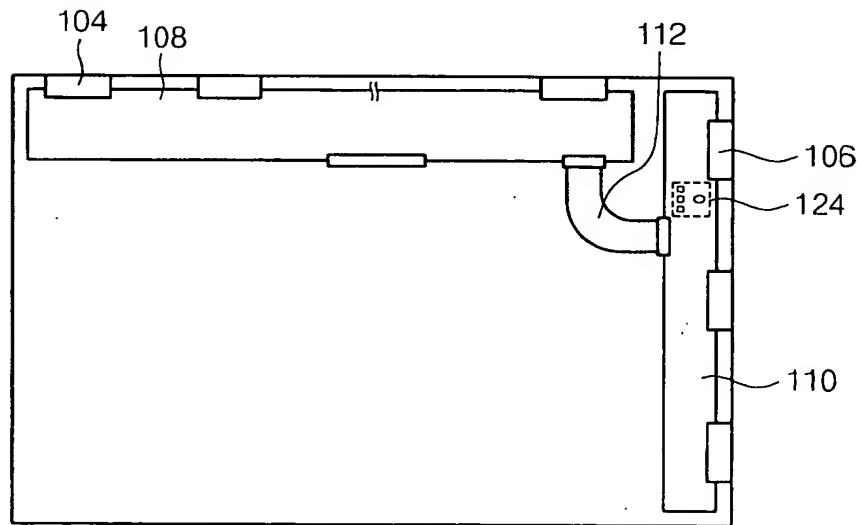


FIG.5

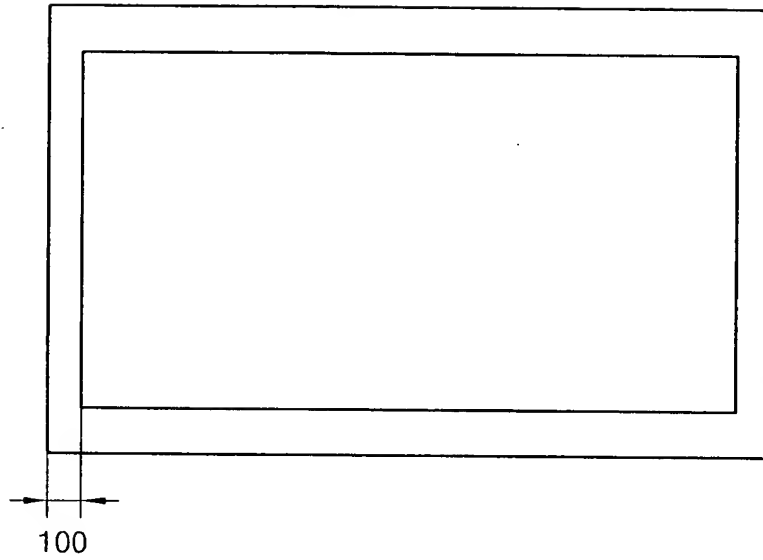


FIG.6

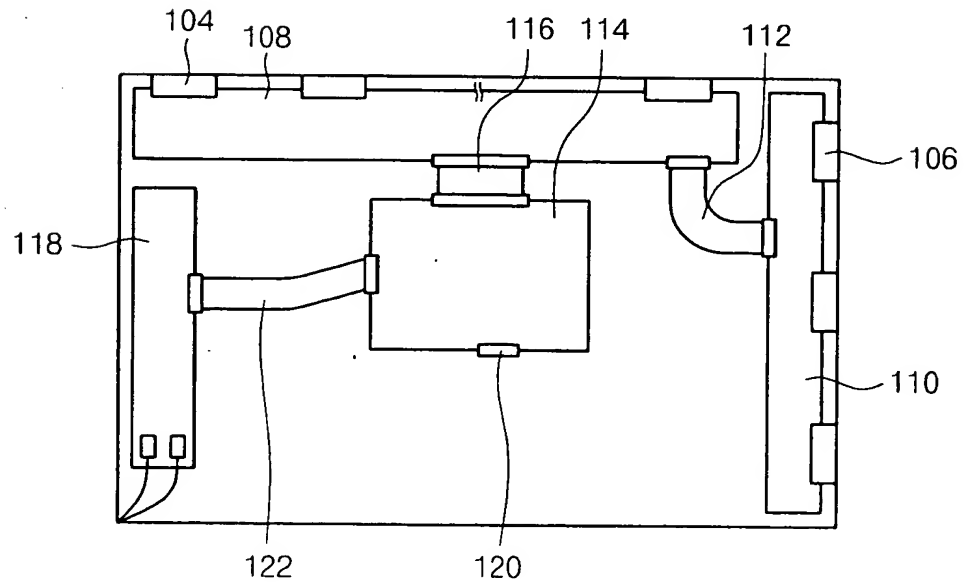


FIG. 7

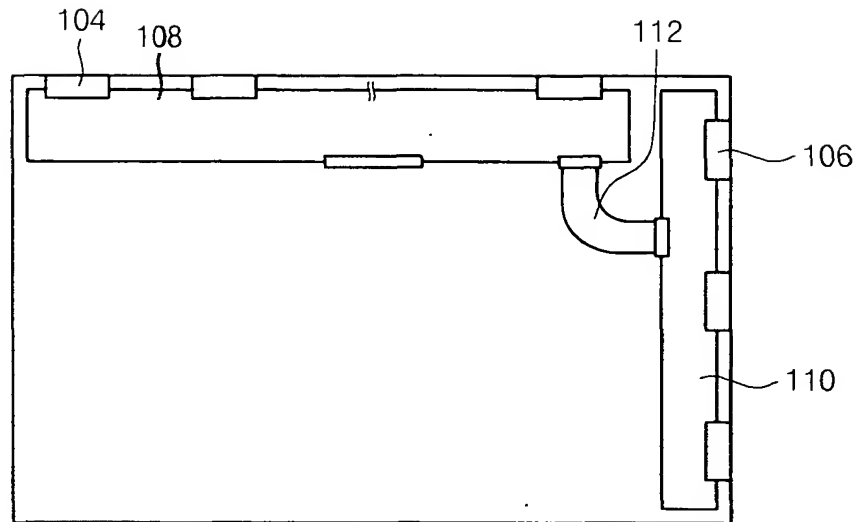


FIG. 8

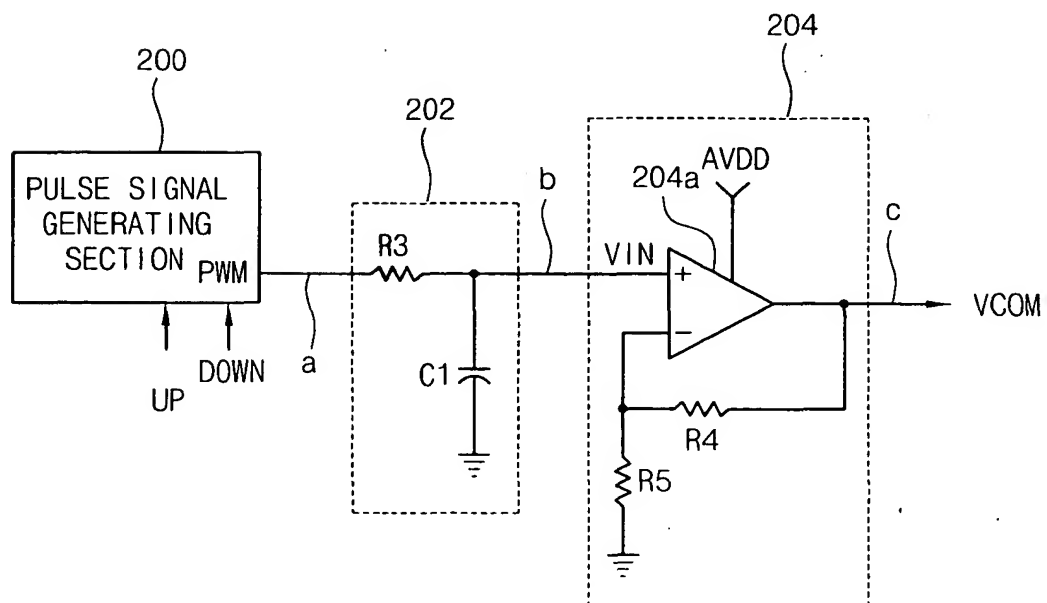


FIG.9

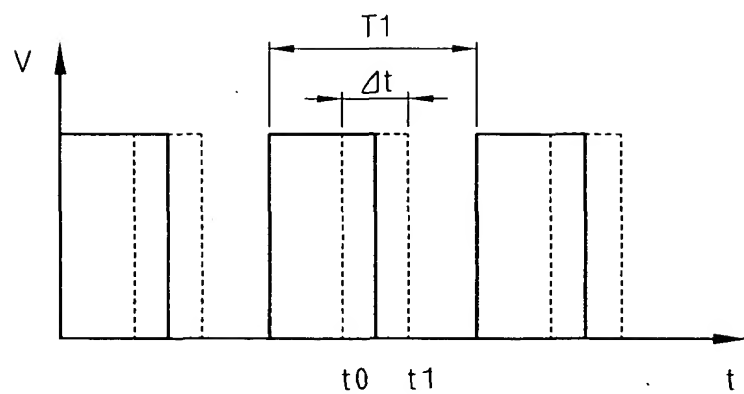


FIG.10

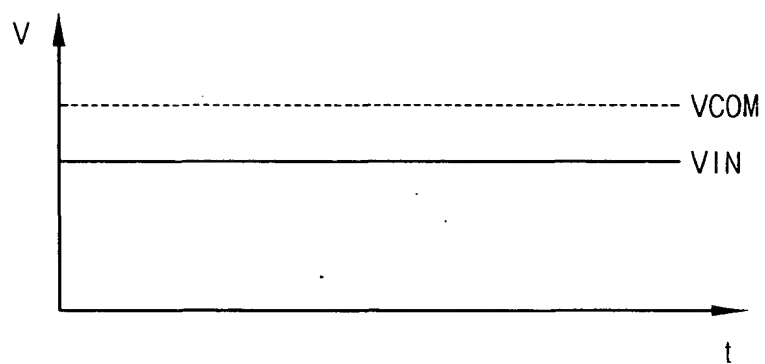


FIG.11

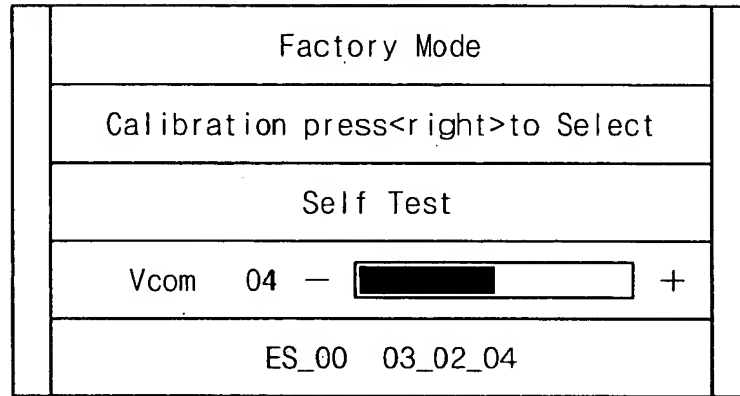
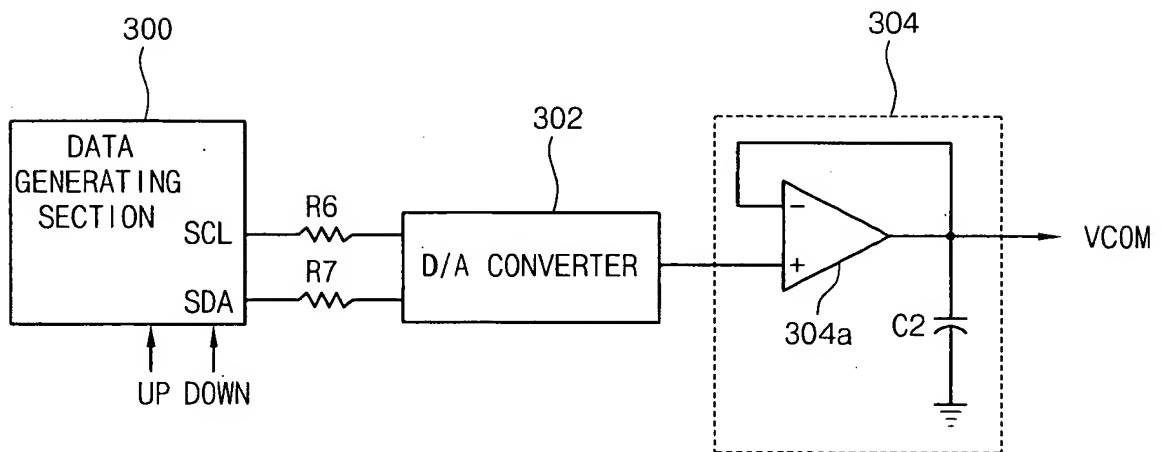


FIG.12



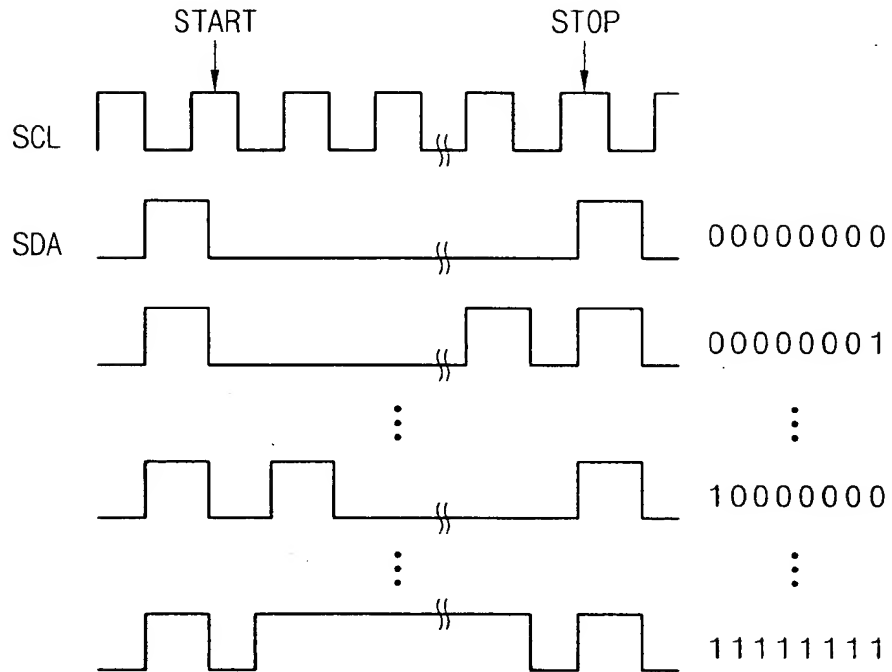
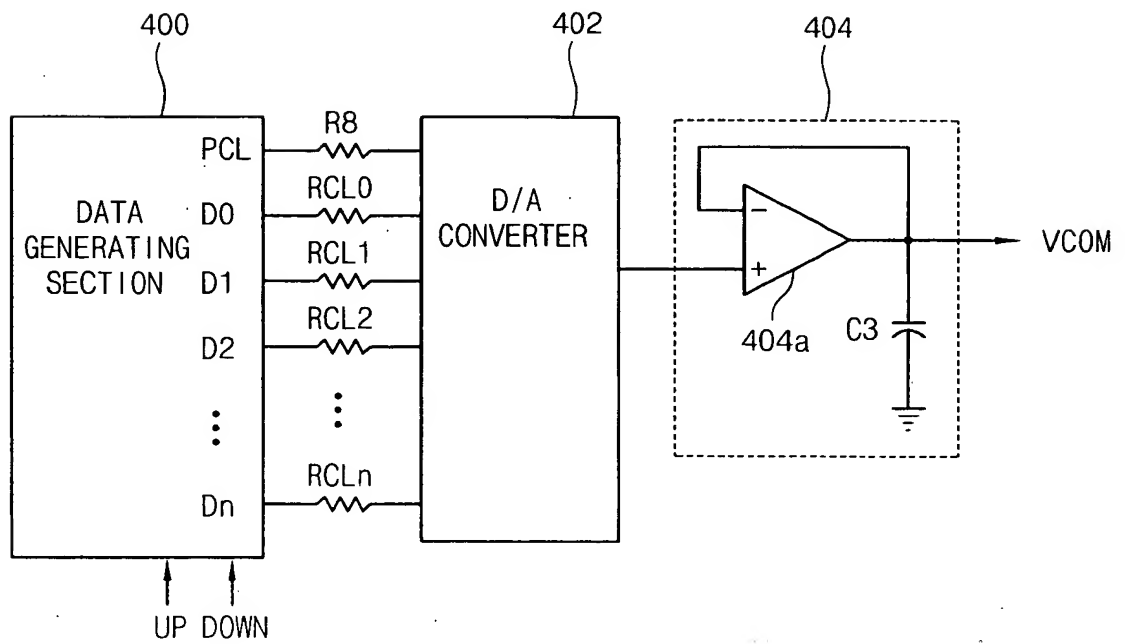
**FIG.13****FIG.14**

FIG.15

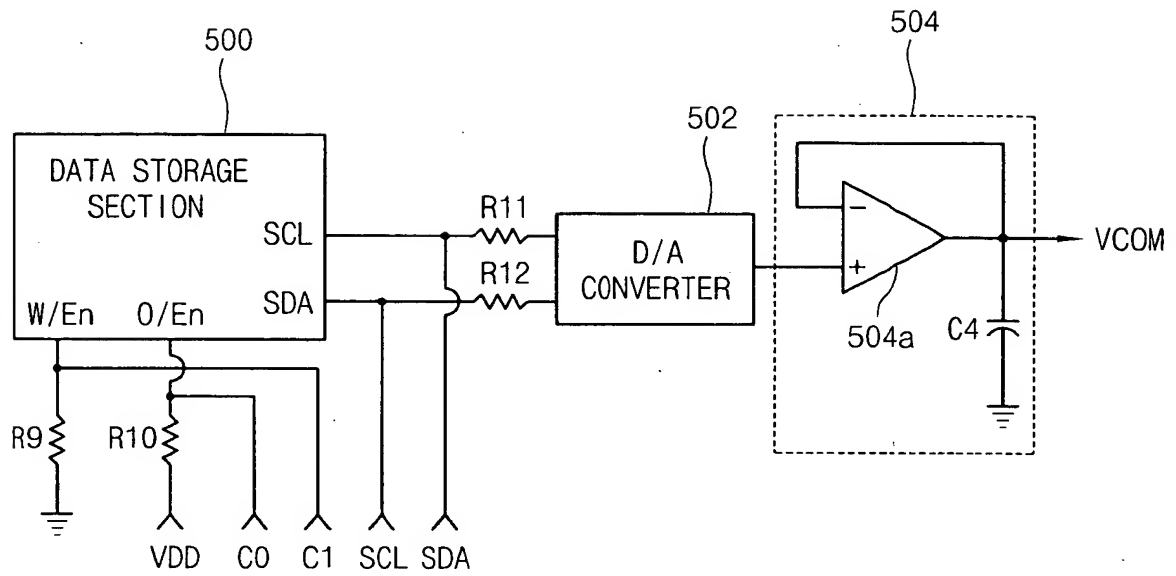


FIG.16

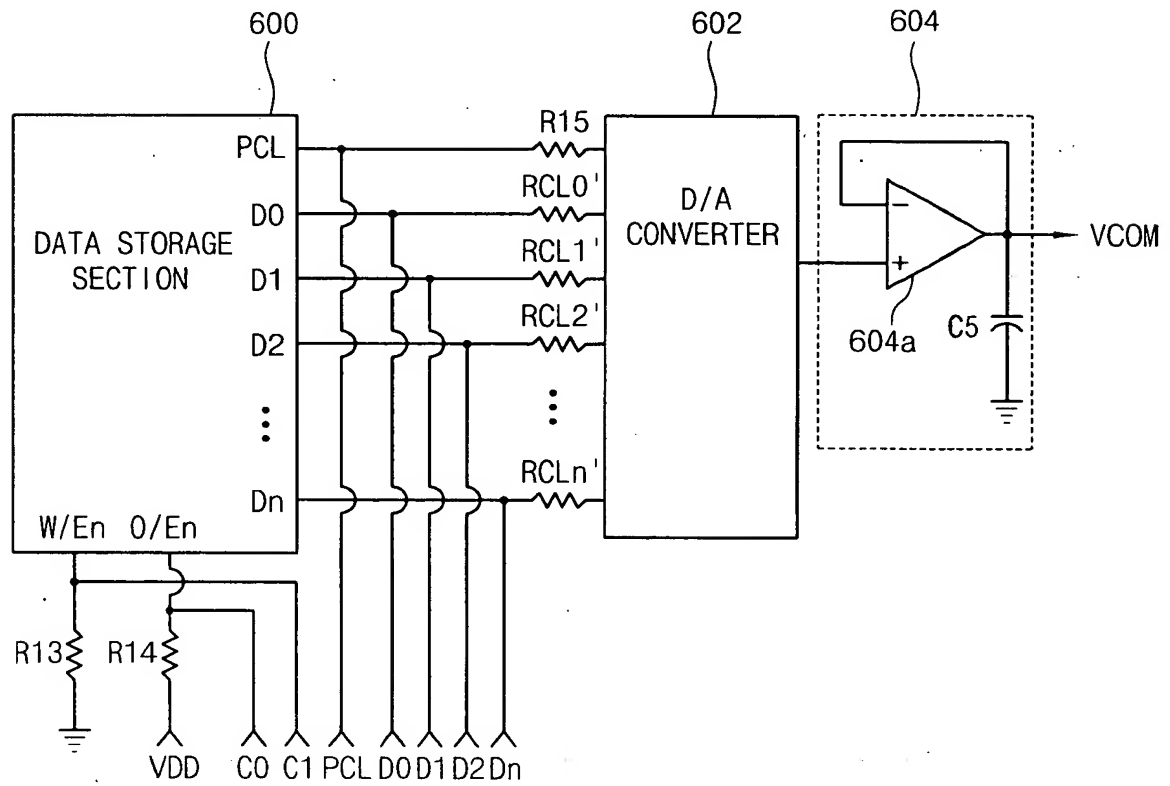




FIG.17

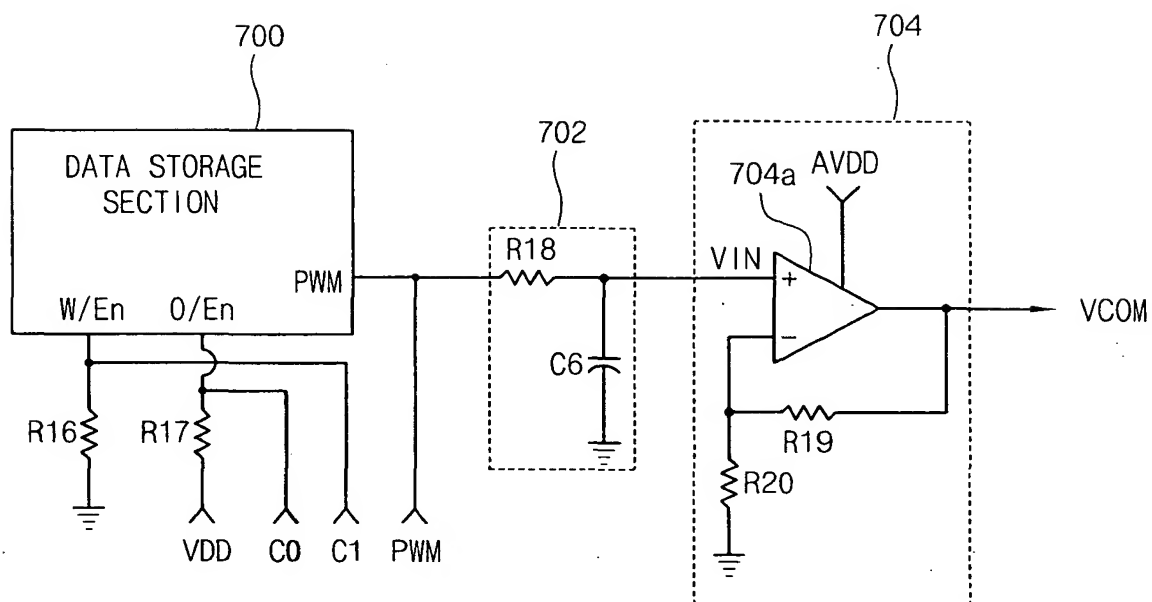


FIG. 18

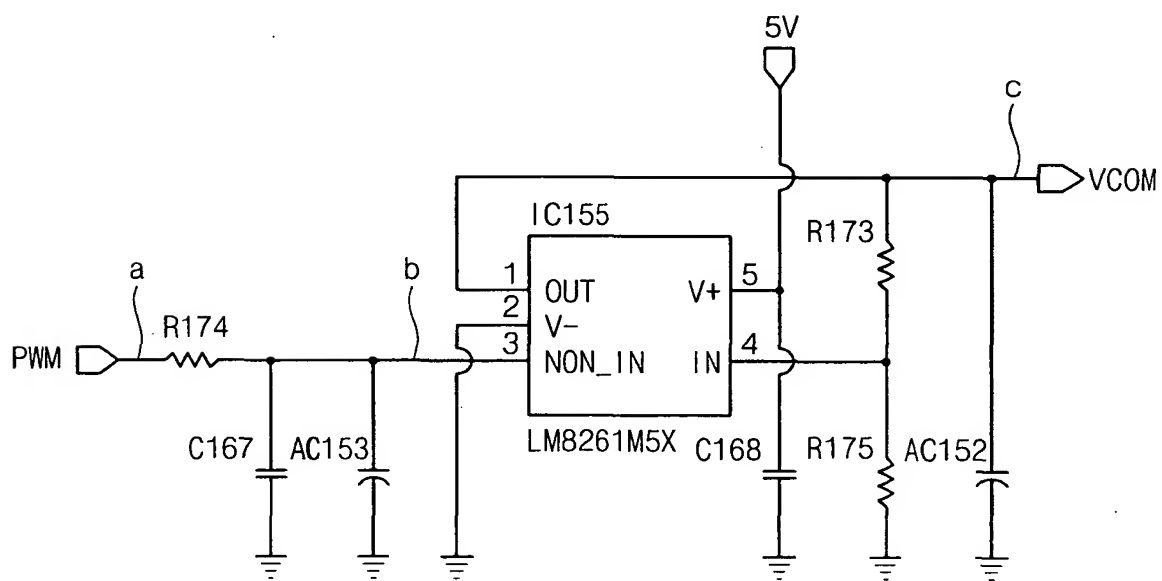


FIG.19

COMMON VOLTAGE ADJUSTMENT MENU VALUE	PWM DUTY (%)	SMOOTHED DC VALUE (V)	VCOM VALUE (V)
00	45.18	1.508	3.676
01	45.55	1.518	3.704
02	46.3	1.548	3.766
03	46.72	1.556	3.794
04	47.07	1.571	3.831
05	47.13	1.566	3.834
06	47.51	1.58	3.861
07	47.94	1.59	3.895

FIG.20

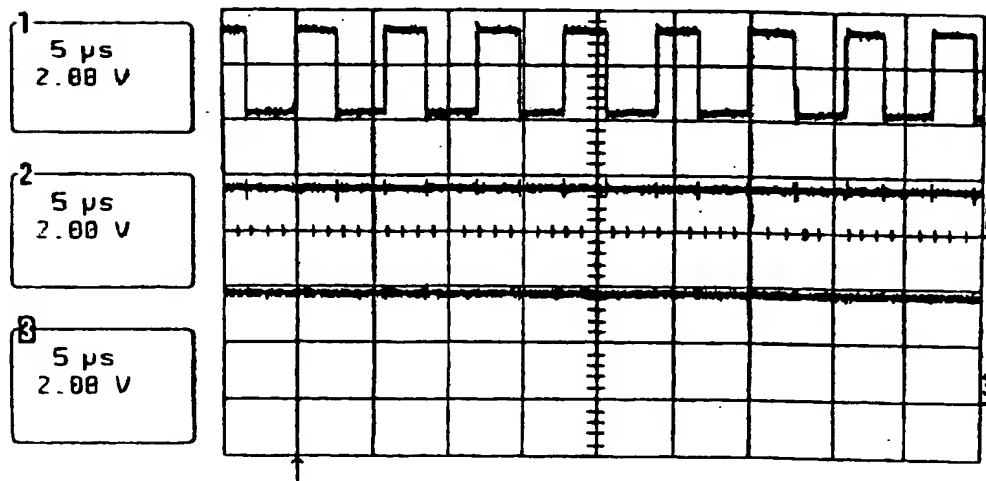


FIG.21

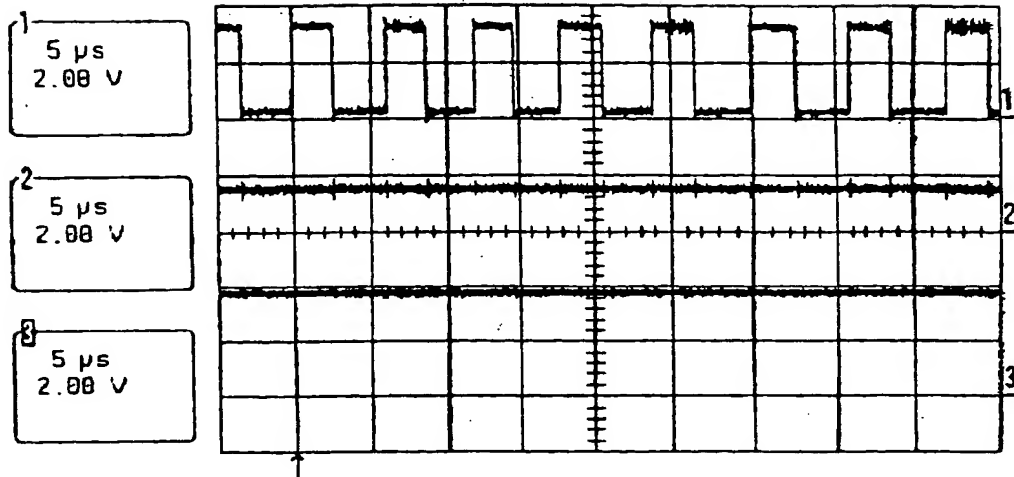


FIG.22

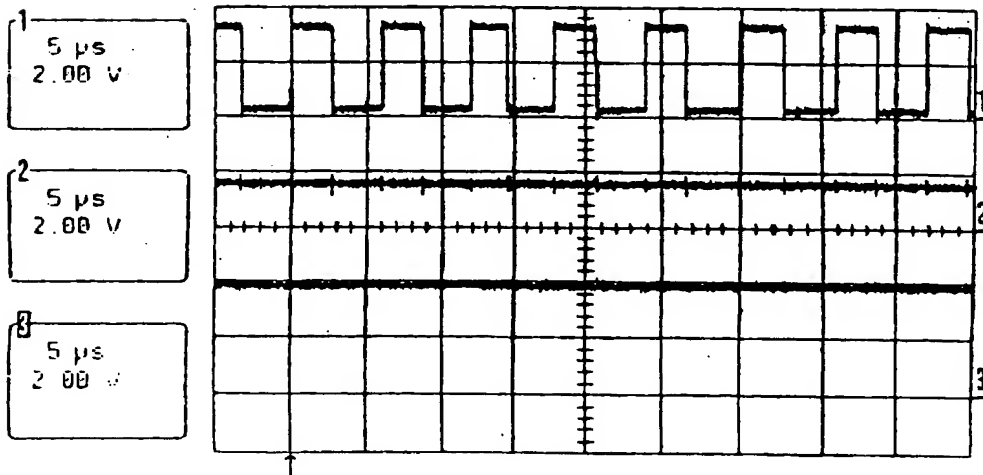


FIG.23

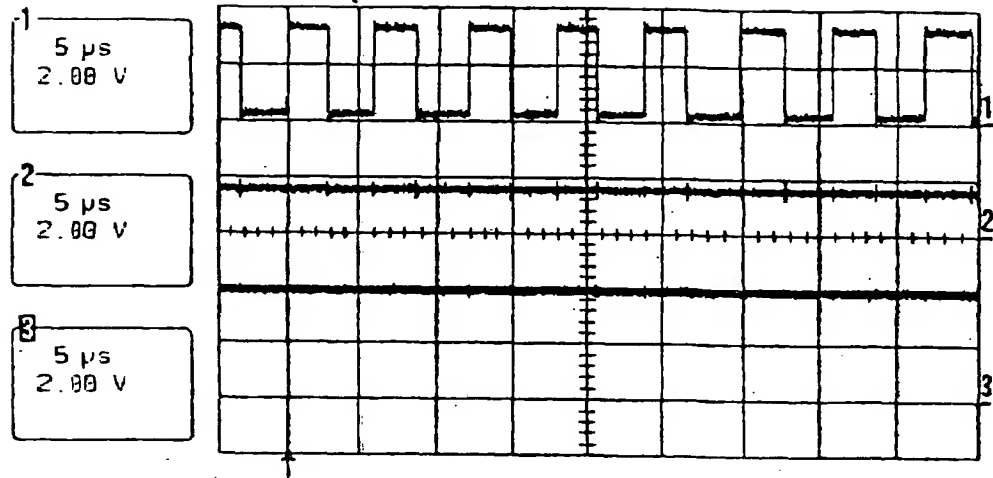


FIG.24

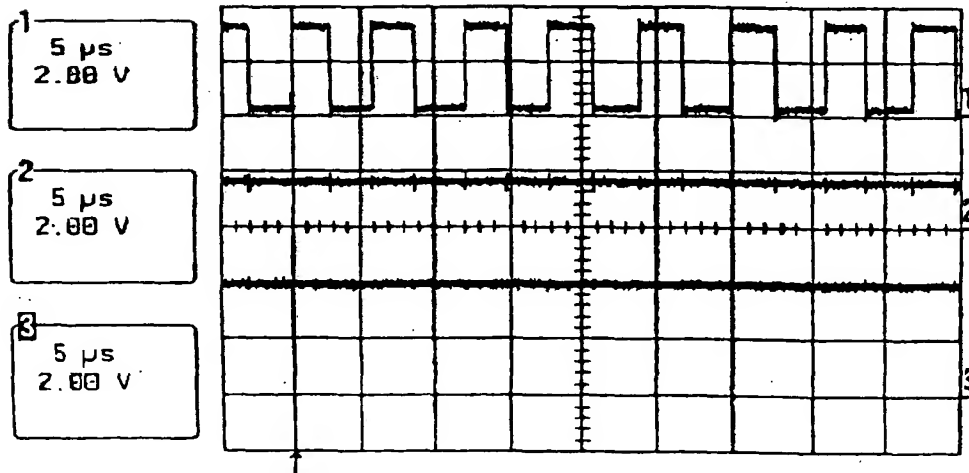


FIG.25

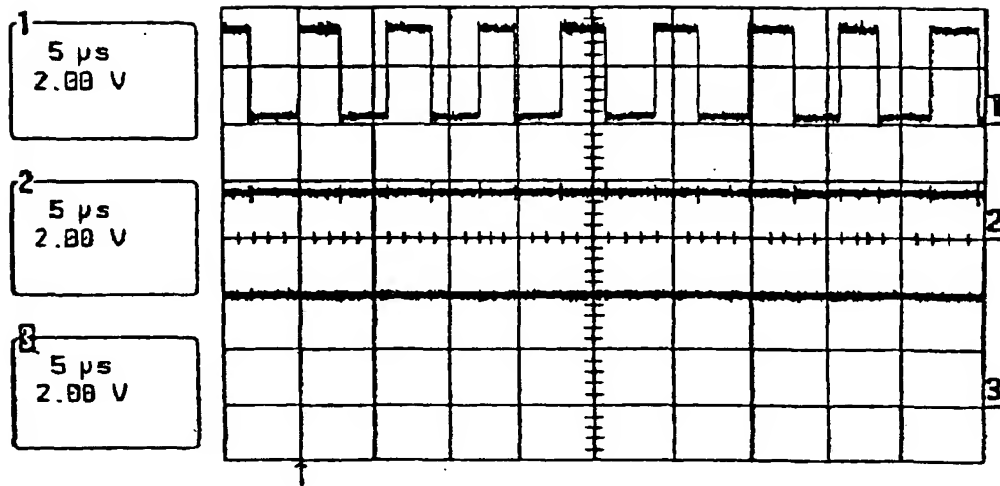


FIG.26

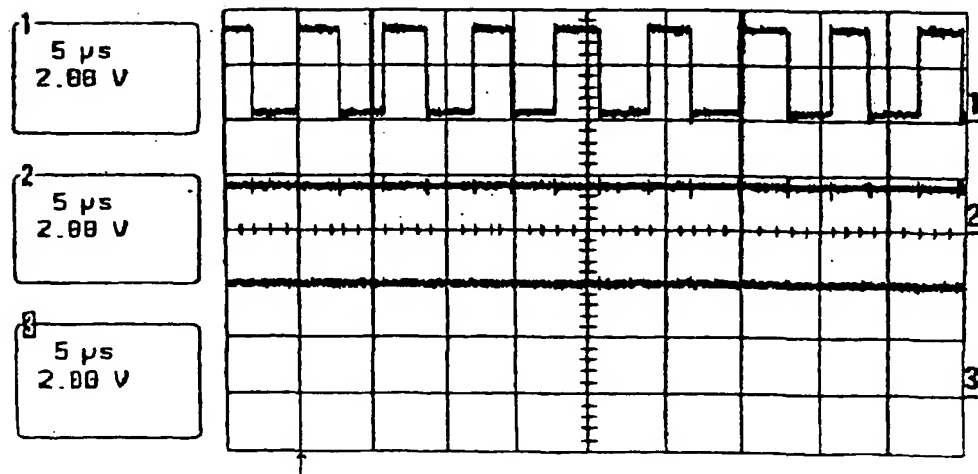


FIG.27

